

# CalRecycle – Division of Recycling

## Program Reform – Fact Sheet

Simplified Baseline Cash Flow Data for use in CBCRF Program Reform Workshops  
From "Quarterly Report on Status of the Beverage Container Recycling Fund" of July 16, 2012  
FY 2012-13 Projections (\$ in millions)

	<u>Receivable</u>	<u>Payable</u>	<u>Variance</u>
<b>Core Revenue and Expenditures</b>			
Redemption Fees & Refund Value (excl. Admin Fees)	\$ 1,140	\$ 985	\$ 155
Other Income	\$ 3	\$ -	\$ 3
Administrative Fee Revenues (Redemption Fees)	\$ -	\$ 17	\$ (17)
Administrative Fee Disbursements (Refund Value)	\$ -	\$ 25	\$ (25)
Beverage Container Recycling Program Administration	\$ -	\$ 45	\$ (45)
Other Disbursements	\$ -	\$ 10	\$ (10)
Total:	\$ 1,143	\$ 1,082	\$ 61
<b>Non-Core Revenue and Expenditures</b>			
Transfers to Processing Fee Accounts	\$ -	\$ 57	\$ (57)
Handling Fees (14581)	\$ -	\$ 35	\$ (35)
Local Conservation Corps Grants (14581)	\$ -	\$ 20	\$ (20)
Curbside Supplemental Payments (14581)	\$ -	\$ 15	\$ (15)
Plastic Market Development Payments (14581)	\$ -	\$ 13	\$ (13)
City/County Payments (14581)	\$ -	\$ 11	\$ (11)
Quality Incentive Payments (14581)	\$ -	\$ 10	\$ (10)
Competitive Grants (14581)	\$ -	\$ 2	\$ (2)
Total:	\$ -	\$ 163	\$ (163)
Grand Total:	\$ 1,143	\$ 1,245	\$ (102)

### Sales & Returns

#### Calendar Year 2011 (Millions of Containers)

Material	Sales	Returns
Aluminum	8,528.53	8,297.66
Glass	2,900.76	2,439.78
#1 PET	8,506.39	5,691.49
#2 HDPE	313.25	325.91
#3 PVC	0.29	0.04
#4 LDPE	21.43	0.31
#5 PP	1.07	0.03
#6 PS	71.35	7.25
#7 Other	49.98	3.37
Bimetal	26.42	4.29
All Materials	20,419.47	16,770.13

### Recycling Rates

#### Calendar Years

Material	2009	2010	2011
Aluminum	91%	94%	97%
Glass	80%	85%	84%
#1 PET	73%	68%	67%
#2 HDPE	109%	92%	104%
#3 PVC	0%	0%	15%
#4 LDPE	1%	1%	1%
#5 PP	1%	4%	3%
#6 PS	2%	8%	10%
#7 Other	8%	10%	7%
Bimetal	10%	12%	16%
All Materials	82%	82%	82%

**Program Participants (as of 4/2012)**

<b>Beverage Manufacturers &amp; Distributors</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>
Beverage Manufacturers	1,447	1,509	1,435
Distributors	1,779	1,803	1,722

<b>Certified or Registered</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>
Processors (PR)	181	190	214
Buyback Centers (RC)	2,179	2,451	2,464
Curbside (CS)	579	586	584
Collection/Drop-off (CP/DP)	210	224	231
Community Service (SP)	115	119	118

<b>Audits, Enforcements &amp; Inspections</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>
Compliance Audits Completed	65	89	52
Audit Findings (Millions)	\$4.7	\$9.4	\$2.0
Processor Load Inspections	6,108	12,500	8,914
Claims Denied or Reduced	N/A	126	166
Claim Payment Reductions	N/A	\$865,799	\$414,953
Recycler Inspections Conducted	2,624	2,392	3,683
Notices of Noncompliance Issued	796	703	771
Notices of Violation Issued	229	178	154
Investigations Completed	52	12	42
Placed on Prepayment Controls	N/A	32	44
Probationary Reviews Completed	258	231	237
Dealer Inspections Conducted	6,497	2,197	3,391
Notices of Noncompliance Issued	268	280	779
Notices of Violation Issued	32	55	123

**Participant Shares\***

**Calendar Year 2011 (% Redemption Wt)**

<b>Type</b>	<b>CRV</b>	<b>AL</b>	<b>GL</b>	<b>P1</b>	<b>P2</b>
Traditional RCs	56%	61%	49%	52%	47%
Supermarket Sited Handling Fee RCs	25%	25%	22%	27%	20%
Supermarket Sited Non-Handling Fee RCs	8%	9%	7%	8%	11%
Curbside Programs	8%	3%	19%	10%	18%
CP/DP/SP	2%	1%	4%	3%	3%

\* Due to rounding, figures may not total to 100%

<b>Convenience Zone Recyclers</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>
Number of Handling Fee Sites	1,330	1,388	1,406
Average Number of Handling Fee Sites Funded/Month	1,224	1,131	1,152
Average Handling Fee/Month/Site	\$2,317	\$3,110	\$2,712

<b>Local Community Conservation Corps Grants</b>	<b>FY09/10</b>	<b>FY10/11</b>	<b>FY11/12</b>
Total Funding Provided (Millions)	\$10.7	\$19.5	\$19.5
Number of Applicants	13	13	13

<b>Funds Paid to Cities and Counties</b>	<b>FY09/10</b>	<b>FY10/11</b>	<b>FY11/12</b>
Total Funds Awarded (Millions)	\$5.5	\$10.5	\$10.5
Total Funds Available (Millions)	\$5.8	\$10.5	\$10.5
Eligible Cities and Counties	535	537	538
Number of Recipients	493	502	513

<b>Recycling Costs/Ton</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>
Aluminum	\$625.51	\$579.22	\$558.22
Glass	\$86.30	\$84.49	\$93.30
#1 PET	\$451.34	\$441.88	\$457.97
#2 HDPE	\$530.57	\$519.44	\$635.72
#3 PVC	\$834.62	\$817.12	\$1,000.05
#4 LDPE	\$1,190.65	\$1,165.69	\$1,426.66
#5 PP	\$1,068.17	\$1,045.77	\$1,279.90
#6 PS	\$661.63	\$647.77	\$792.78
#7 OTHER	\$724.92	\$709.73	\$868.62
Bimetal	\$668.64	\$654.62	\$801.17

## **BEVERAGE CONTAINER RECYCLING GRANTS**

### **Fiscal Year 2011/12**

Total Funds Awarded (Millions)	\$0.70
Number of Recipients	27

<b>Annualized Scrap Values per Ton</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>
Aluminum	\$884.00	\$1,401.18	\$1,760.16
Glass	\$7.92	\$4.24	\$5.04
#1 PET	\$208.16	\$307.55	\$502.54
#2 HDPE	\$213.12	\$280.85	\$345.78
#3 PVC	\$0.00	\$0.00	\$19.10
#4 LDPE	\$0.00	\$0.47	\$178.01
#5 PP	\$0.00	\$203.75	(\$14.55)
#6 PS	(\$7.03)	\$10.50	\$6.27
#7 Other	\$40.96	(\$6.46)	\$31.55
Bimetal	\$47.24	\$4.39	\$3.51

<b>Processing Fees per Container Sold</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>
Glass	\$0.01373	\$0.00216	\$0.00237
#1 PET	\$0.00569	\$0.00051	\$0.00000
#2 HDPE	\$0.01821	\$0.00472	\$0.00213
#3 PVC	\$0.02768	\$0.00995	\$0.01194
#4 LDPE	\$0.00982	\$0.00954	\$0.01082
#5 PP	\$0.10857	\$0.08552	\$0.04727
#6 PS	\$0.00176	\$0.00247	\$0.00227
#7 Other	\$0.05009	\$0.05060	\$0.07353
Bimetal	\$0.04526	\$0.04226	\$0.04470

<b>Processing Payments per Ton</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>
Glass	\$80.24	\$80.25	\$88.26
#1 PET	\$262.39	\$134.33	\$0.00
#2 HDPE	\$330.60	\$238.59	\$289.94
#3 PVC	\$834.62	\$817.12	\$980.95
#4 LDPE	\$1,189.57	\$1,165.22	\$1,248.65
#5 PP	\$1,068.99	\$842.02	\$1,294.45
#6 PS	\$650.27	\$637.27	\$786.51
#7 Other	\$724.40	\$716.19	\$837.07
Bimetal	\$654.52	\$650.23	\$797.66

**Total Processing Fees Paid by Manufacturers (Millions)**

<b>Material</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>
Glass	\$28.261	\$6.261	\$6.57
#1 PET	\$19.041	\$23.046	\$4.80
#2 HDPE	\$3.312	\$5.896	\$1.72
#3 PVC	\$0.010	\$0.001	\$0.00
#4 LDPE	\$0.193	\$0.100	\$0.23
#5 PP	\$0.017	\$0.047	\$0.06
#6 PS	\$0.235	\$0.162	\$0.26
#7 Other	\$1.925	\$1.942	\$1.98
Bimetal	\$2.523	\$1.517	\$1.52
Total Processing Fees	\$55.519	\$38.972	\$17.13

**Total Processing Payments (Millions)**

<b>Material</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>
Glass	\$76.694	\$51.160	\$52.791
#1 PET	\$33.667	\$49.058	\$26.511
#2 HDPE	\$9.150	\$7.952	\$5.989
#3 PVC	\$0.000	\$0.000	\$0.000
#4 LDPE	\$0.002	\$0.002	\$0.004
#5 PP	\$0.002	\$0.004	\$0.005
#6 PS	\$0.004	\$0.014	\$0.028
#7 Other	\$0.247	\$0.232	\$0.269
Bimetal	\$0.402	\$0.204	\$0.287
Total Processing Payments	\$120.168	\$108.626	\$85.884

### CRV CONTAINERS PER POUND

Material	2010	2011	2012
Aluminum	29.3	29.1	28.7
Glass	1.90	1.86	1.86
#1 PET	15	14.5	15.7
#2 HDPE	5.9	6.5	6.8
#3 PVC	9.8	26.7	26.7
#4 LDPE	39.4	39.7	37.5
#5 PP	3.2	3.2	8.9
#6 PS	120.2	83.7	112.4
#7 Other	4.7	4.6	3.7
Bimetal	4.7	5.0	5.8

### REFUND VALUE PER POUND

Material	2010	2011	2012
Aluminum	\$1.57	\$1.54	\$1.57
Glass	\$0.105	\$0.104	\$0.105
#1 PET	\$0.93	\$0.93	\$1.00
#2 HDPE	\$0.51	\$0.55	\$0.57
#3 PVC	\$0.56	\$1.33	\$1.33
#4 LDPE	\$1.97	\$1.98	\$1.87
#5 PP	\$0.03	\$0.31	\$0.45
#6 PS	\$6.01	\$4.18	\$5.62
#7 Other	\$0.36	\$0.37	\$0.33
Bimetal	\$0.25	\$0.26	\$0.30

### What is currently in the Beverage Container Recycling Program

- Beer and other malt beverages
- Wine coolers and distilled spirit coolers
- Carbonated water, including soda and carbonated mineral waters
- Carbonated soft drinks
- Non-carbonated waters
- Non-carbonated soft drinks and "sport" drinks
- Non-carbonated fruit drinks that contain any percentage of fruit juice (excluding 100% fruit juice in 46 oz. or larger containers)
- Coffee and tea drinks
- Carbonated fruit drinks
- Vegetable juices in beverage containers of 16 ounces or less